

ANTI-ABRASIVE FLAT FLEXIBLE CABLE

ABSTRACT OF THE DISCLOSURE

An anti-abrasive flat flexible cable applied to a flatbed scanner is provided to avoid abrasion occurring between the flat flexible cable and a platform of the flatbed scanner. The anti-abrasive flat flexible connected between a circuit board and a carriage of the flatbed scanner bends differentially with the forward or backward movement of the carriage under the platform. It includes a flexible main body connected to the circuit board and the carriage respectively for transmitting electric signals between the circuit board and the carriage; and a weighting object arranged on a portion of the flexible main body, which is possibly to be bent during the movement of the carriage, for pulling the main flexible body away from the platform so as to avoid abrasion.